



Technical Data Sheet

LC 2100 Light Chrome Yellow (Paint Application)

PRODUCTION INFORMATION

Lemon Chrome LC 2100 is a monoclinic lead chromate greenish shade yellow pigment having good all round fastness properties .Useful where processing temperature is not more than 200°C.

PRODUCT INFORMATION

Chemical Type	Lead Chromate
C.I.Name	Pigment Yellow 34
C.I. No	77603
CAS NO	1344-37-2
EINECS /ELINCS No	215-693-7
PHYSICAL FORM	Free Flowing Powder

APPLICATION PROFILE

Water borne Paints	Recommended
Air Drying Alkyds	Recommended
Aqueous Pigment Emulsion	Recommended
Stoving Enamels	Recommended
Powder Coating	Recommended
Industrial Coating	Recommended
Coil Coating	-

COLOURESTICES / FASTNESS PROPERTIES

TECHNICAL DATA

FULL TONE (0.2 %)		Reduction Tone (1: 10)	
L	82.37	L	89.92
C	92.51	C	52.25
H	81.39	H	87.75
a	13.83	a	2.08
b	91.47	b	52.21
Light Fastness	6-7	Light Fastness	5-6
Weather Fastness	4-5	Weather Fastness	3-4

PHYSICAL DATA

Oil Absorption	gm/100gm	15.0-20.0
Bulk Density	Kg/Lt	1.14-1.20
Specific Gravity	Gm/cm ³	5.00-6.00
pH	Number	6.00-8.00

RESISTANCE TO HEAT

120°C / 30 Min.	150°C / 20 Min.	180°C / 10 Min.	210°C / 10 Min.	-
SB	SB	SB	USB	-

RESISTANCE TO ACID and ALKALI

ACID	ALKALI
Good	Poor

BLEEDING PROPERTIES (1-5 Scale , Where 5 : No Bleed & 1 : Considerable bleed)

Linseed Oil	Ethanol	Ethyl Acetate	Xylene	n-Butanol	M.E.K.	M.T.O.	Cello solve	D.O.P.	Acetone
5	5	5	5	5	5	5	5	5	5

STANDARD PACKAGING

25 Kg Plastic Bag	1000 Kg Material kept in 42"x42" inch wooden pallet
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DISCLAIMER: The colour panels and other information provided in the shade card is given in good faith and is to be used as a guide only. Verification under actual conditions are recommended before use.